

## Sprint 2 Tasks

The following table is a summary of our plan for sprint 2, including the features and user stories that we aim to complete in this sprint. Since it is the first development sprint, we focus on the foundational user stories with high priority. We will also gain a more accurate estimation of the team's velocity and capacity in this sprint, and can adjust the workload and tasks accordingly.

| No. | Category             | Task   | Details   |
|-----|----------------------|--|---|
| 1   | Client Communication | Meeting with Eileen after the first sprint                               | <ul style="list-style-type: none"><li>• Since our client Eileen was on leave for the past two weeks, we need to share the user stories and prototype with her</li></ul> |
| 2   | Design               | Update user stories or prototype after the client meeting (if required)  | <ul style="list-style-type: none"><li>• Incorporate suggestions from Eileen if any</li></ul>  |
| 3   | Development          | Front-end environment configuration                                      | <ul style="list-style-type: none"><li>• Node.js</li><li>• React</li></ul>   |
| 4   | Development          | Spring boot environment configuration                                    |   |
| 5   | Development          | Database design  |   |
| 6   | Development          | Database initialisation  |   |
| 7   | Development          | [User Story 2] Booking request interface                                 | As a non-partner school teacher, I want to request and book Science Gallery programs via a clear interface  |
| 8   | Development          | [User Story 4] System log-in   | As a Science Gallery staff, I want to log in to the booking management system as admin and use any feature of the system  |
| 9   | Development          | Discuss on the structure of the front-end and back-end of the system     |   |
| 10  | Development          | Construct the skeleton of the front-end of the booking management system |   |
| 11  | Development          | [User Story 19] Add a new program  | As a Science Gallery staff, I want to add a new program   |
| 12  | Development          | [User Story 22] View program details                                     | As a Science Gallery staff, I want to view the existing program   |

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